

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,814,439 B2  
APPLICATION NO. : 10/684579  
DATED : October 12, 2010  
INVENTOR(S) : George W. Fitzmaurice et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 1 of 14 (Fig. 1a), Line 3 (Replacement Sheet), delete "20" and insert --19--, therefor.

Column 2, Line 21 after "pinning" insert --.--.

Column 2, Line 41 after "invention" insert --.--.

Column 4, Line 66 delete "state 1 ," and insert --state 1,--, therefor.

Column 9, Line 64 in Claim 19, delete "first control region" and insert --first region--, therefor.

Signed and Sealed this  
Fourth Day of January, 2011

A handwritten signature in dark ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos  
*Director of the United States Patent and Trademark Office*